

Work Order ID 54421

December 9, 2009 10:03:46 AM



Page 1

Item ID: D3183-5

Accept



Setup Start



Revision ID:

Stop



Item Name: Bearing

Start Date: 12/09/09 Start Qty: 10.00



Cust Item ID:

Required Date: 12/14/09 Req'd Qty: 10.00

Customer:

Reference:

Run Start



Approvals: Process Plan: CL

Date: 09/12/09 Tooling:

Date:

QC:

Date: SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3183	Rev C1								

100

0.00



PURCHASING

Purchasing

Memo

0.00

Purchasing

Issue P/O: 10924 ☐ Bearing as per Dwg D3183 ☐ Single row, deep groove, Conrad type, shielded ☐ Possible Supplier: NSK P/N 6800ZZ ☐ Certificate of conformity note is required

CL 09/12/09 10

110

Receive & Inspect for Damage & Mat'l Certs

0.00



Packaging

Memo

0.00

Packaging

Ensure certificate of conformity is attached

CL 09/11/11 14

120

QC6- Inspect dimensions to drawing

0.00



QC

Memo

0.00

Quality Control

RBL 61800-ZZ
OK 09 10.05.20

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

[illegible]

December 9, 2009 10:03:46 AM

Accept

[illegible]**Setup Start**

Stop

[illegible]

1. The first step in the process is to identify the problem. This involves gathering information about the situation and the people involved. It is important to understand the context and the impact of the problem.

2. Once the problem is identified, the next step is to analyze it. This involves breaking the problem down into its components and understanding the underlying causes. It is important to consider all possible factors and their interactions.

3. After analyzing the problem, the next step is to develop a plan. This involves identifying the goals and objectives of the intervention and determining the steps that need to be taken to achieve them. It is important to consider the resources available and the potential challenges.

4. The final step in the process is to implement the plan. This involves putting the plan into action and monitoring the progress. It is important to be flexible and make adjustments as needed.

Cust Item ID:

Start Date: 12/09/09 **Start Qty:** 10.00

Required Date: 12/14/09 **Req'd Qty:** 10.00

Customer:

Reference:

Run Start

[illegible]

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

Stop

[illegible]

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Operation Description

Set Up/ Run Hours

**Draw
Number**

Draw
Rev.

Plan
Code

**Accept
Qty**

Reject
QtyReject
Number

**Insp.
Stamp**

130

- Identify as per dwg & Stock Location: 236

0.00 •

[illegible]

Packaging

Memo

0.00

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

[illegible]

QC

Memo

0.00

Quality Control

10-5-25 (160) sf

10/05/26

C21015126

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

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			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

NOTE: Date & initial all entries

Picklist Print

December 9, 2009 10:03:46 AM

Page 1

Work Order ID: 54421



Parent Item: D3183-5



Parent Item Name: Bearing



Start Date: 12/09/09

Required Date: 12/14/09

Comments:

Start Qty: 10.00

Required Qty: 10.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
6800ZZ  Bearing		Purchased	No			100	Each	0.0000	10.0000 			

Rec'd 12/11 (10)

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

Resolution: _____ Disposition: _____ QA: N/C Closed: _____ Date: _____

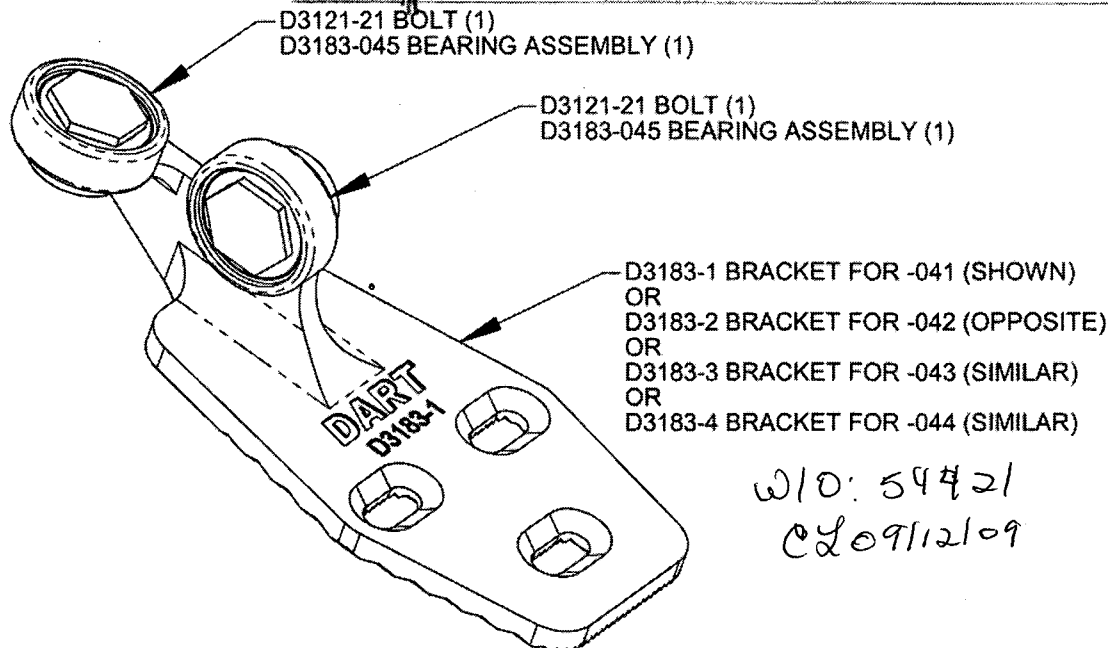
NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

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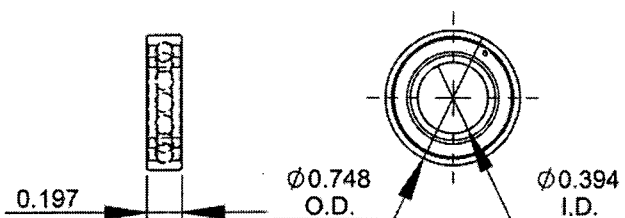
DESIGN #	DRAWN BY UP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED #	APPROVED #	DRAWING NO. D3183	REV. C SHEET 1 OF 4
DATE 04.02.17		TITLE BRACKET ASSEMBLY	SCALE 1:1
A.	03.01.24	NEW ISSUE	
B	03.06.17	REMOVE BEARING; 1.012 WS 0.882	
C	04.02.17	ADD -045/-9; 0.182 WAS 0.431	
C1	# 04.11.09	0.830 WAS 0.850	

RELEASED
04.03.01



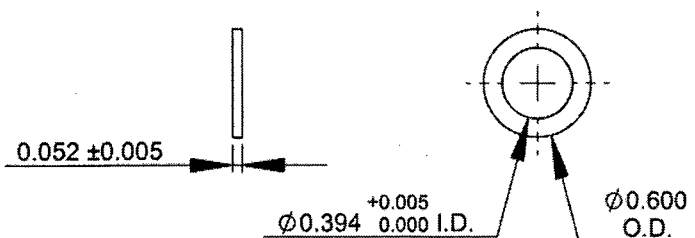
W/O: 54421
0209/12/09

D3183-041 BRACKET ASSEMBLY (SHOWN)
D3183-042 BRACKET ASSEMBLY (OPPOSITE)
D3183-043 BRACKET ASSEMBLY (SIMILAR)
D3183-044 BRACKET ASSEMBLY (SIMILAR)



D3183-5 BEARING:
SPECIFICATION CONTROL DRAWING

- 1) SINGLE ROW, DEEP GROOVE, CONRAD TYPE, SHIELDED
- 2) POSSIBLE SUPPLIER: NSK P/N 6800ZZ
- 3) ALL DIMENSIONS ARE IN INCHES



D3183-7 WASHER

- 1) MATERIAL: AISI 303 ROUND BAR (M303R) ANNEALED
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.010
- 3) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) ALL DIMENSIONS ARE IN INCHES

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Part No: _____ PAR #: _____ Fault Category: _____ NCR: Yes No DQA: _____ Date: _____

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NOTE: Date & initial all entries

MAIN INDUSTRIAL SALES LTD.

1475 TESSIER ST.
HAWKESBURY ON K6A 3S6
Phone: (613) 632-3595 Ext. Fax: (613) 632-0262
sales@mainindustrialsales.com

Packing Slip

DATE December 11, 2009
NUMBER 0000131113
CUSTOMER NO. DART

BILL TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

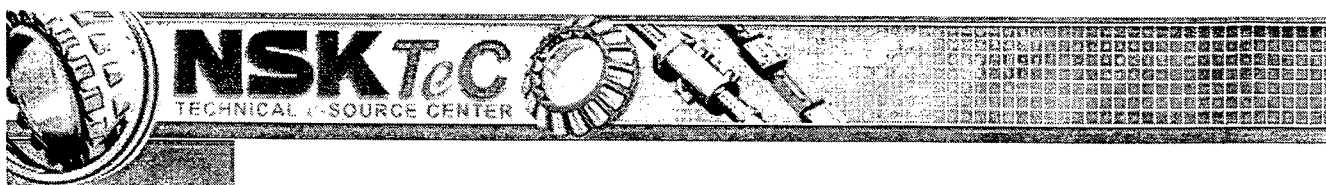
SHIP TO:

DART AEROSPACE LTD.
1270 ABERDEEN ST.
HAWKESBURY ON K6A 1K7

(613) 632-3336 Ext.

(613) 632-3336 Ext.

P.O. NUMBER	SALESPERSON	ORDER DATE	REQ. DATE	ORDER NUM.
PO10924	EB	10-Dec-09		000013111
F.O.B.	SHIP VIA	TERMS		
F.O.B. value	PICK UP	NET 30 DAYS		
PART NUMBER	UOM	QUANTITY		
DESCRIPTION		REQ.	SHIPPED	B.O.
1-618002ZRBL BALL BEARING	EA	10	10	
1-619002ZRBL BALL BEARING	EA	10	10	



NSK Bearing Cross-Reference

▼ Click To Hide/Show Input Information:

Designation: 61800 zz

Search Option: Beginning

Manufacturer: ☐ Select All

FAFNIR
FAG
INA

Search (Enter)

Clear (Esc)

Search Result For(61800) : Found 2.

Designation	Manufacturer	NSK		RHP		Basic Dimensions			Type/
		Designation	E/A	Designation	E/Ad	D	B or T		
61800	SKF	6800	E		A	10	19	5	Single
61800-2RS1	SKF	6800DD	E		A	10	19	5	Single